

## Electronic Patent Application Fee Transmittal

<b>Application Number:</b>	10823087			
<b>Filing Date:</b>	12-Apr-2004			
<b>Title of Invention:</b>	CHANNEL ESTIMATION FOR OFDM COMMUNICATION SYSTEMS INCLUDING IEEE 802.11A AND EXTENDED RATE SYSTEMS			
<b>First Named Inventor/Applicant Name:</b>	Vincent K. Jones			
<b>Filer:</b>	Himanshu Amin/Michelle Pesek			
<b>Attorney Docket Number:</b>	070903/QUALP700USA			
Filed as Large Entity				
<b>Utility Filing Fees</b>				
<b>Description</b>	<b>Fee Code</b>	<b>Quantity</b>	<b>Amount</b>	<b>Sub-Total in USD(\$)</b>
<b>Basic Filing:</b>				
<b>Pages:</b>				
<b>Claims:</b>				
<b>Miscellaneous-Filing:</b>				
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
Post-Allowance-and-Post-Issuance:				
Utility Appl issue fee	1501	1	1440	1440
<b>Extension-of-Time:</b>				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				1440